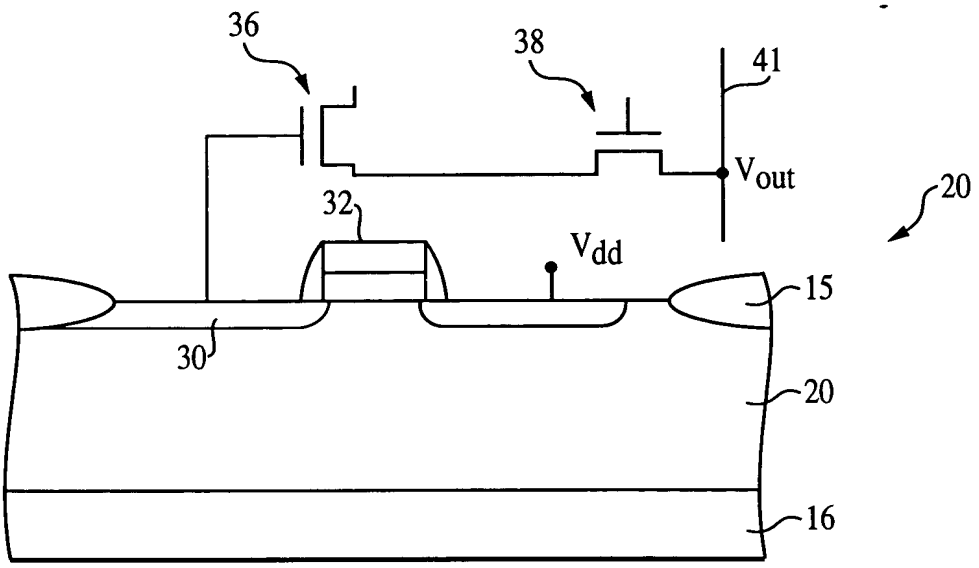

FIG. 1

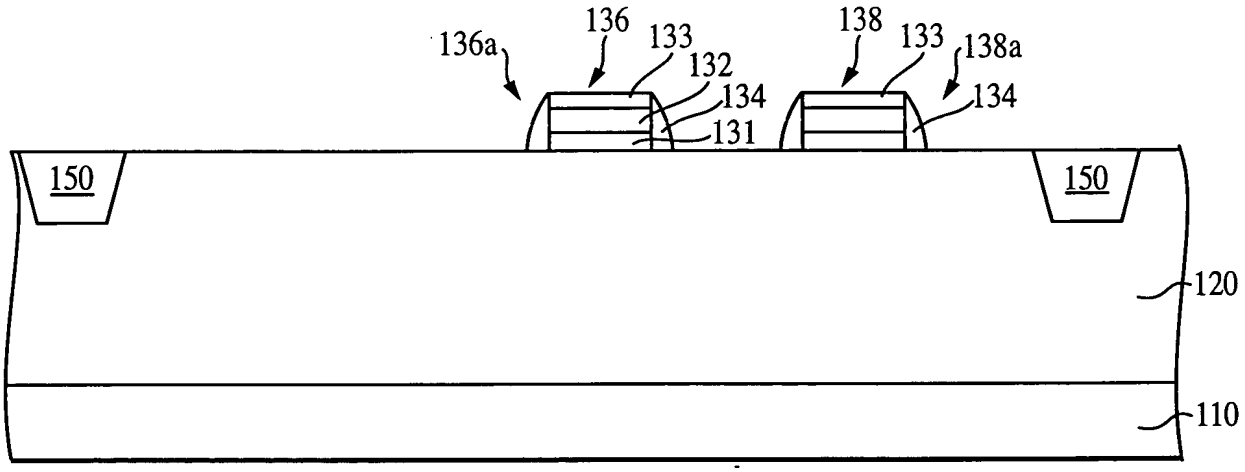

FIG. 2

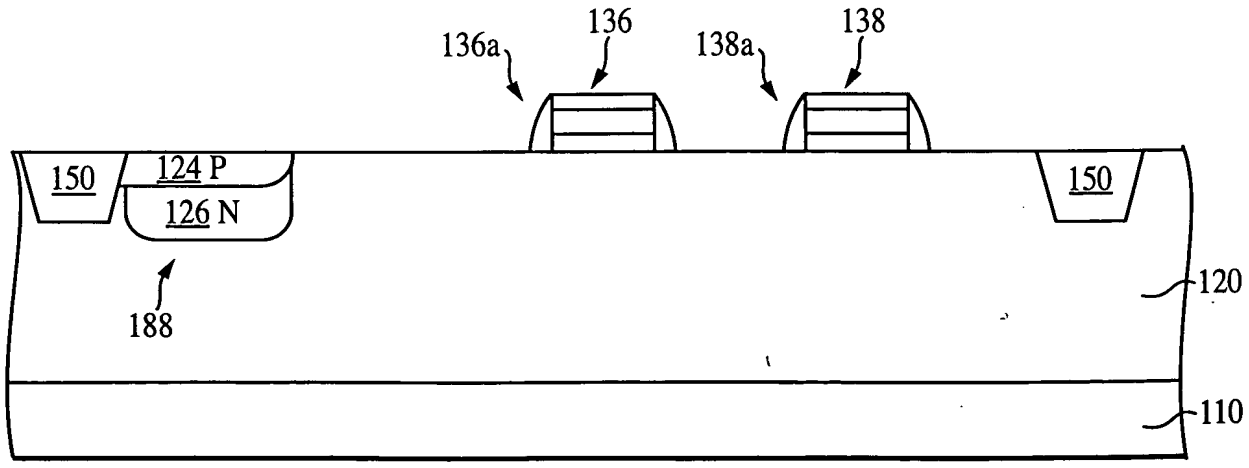

FIG. 3

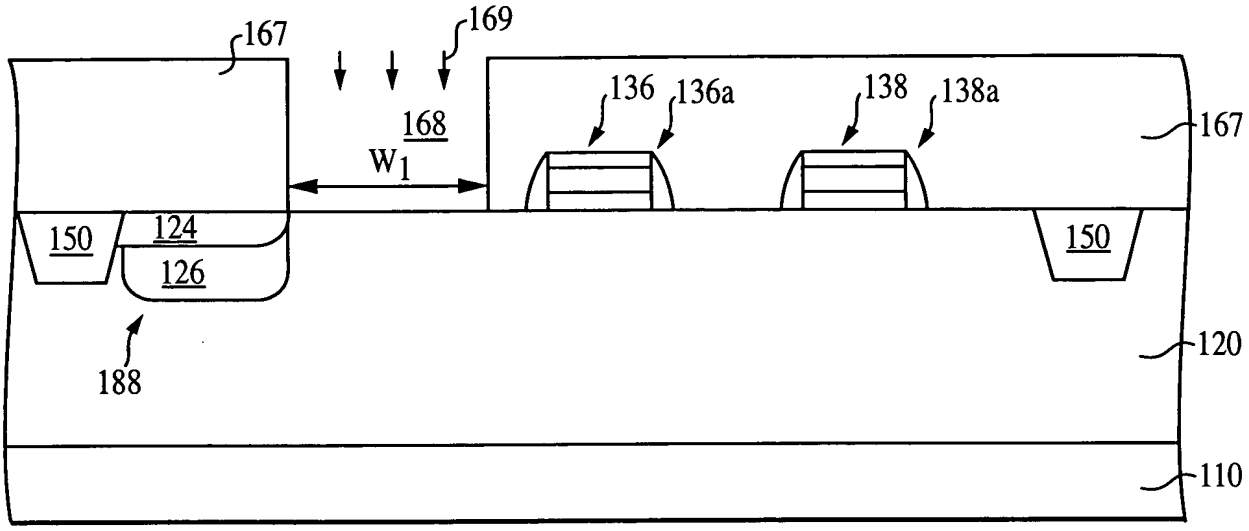
167
169
168
W_1
136
136a
138
138a
167
150
124
126
150
188
120
110

FIG. 4

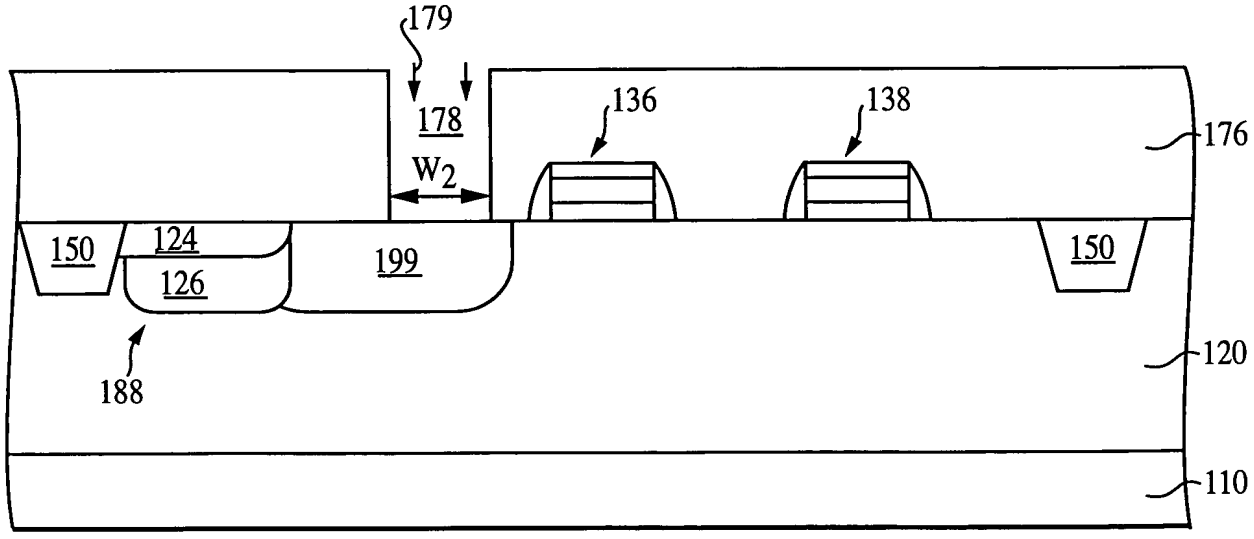
179
178
W_2
136
138
176
150
124
126
199
150
188
120
110

FIG. 5

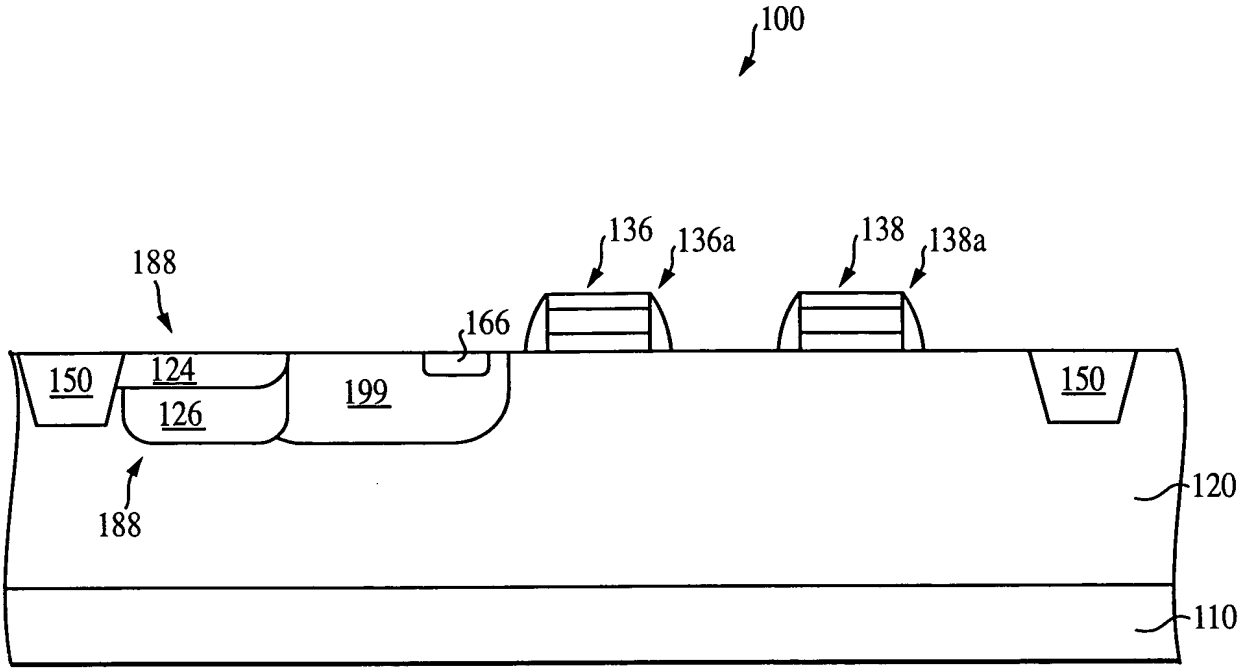

FIG. 6

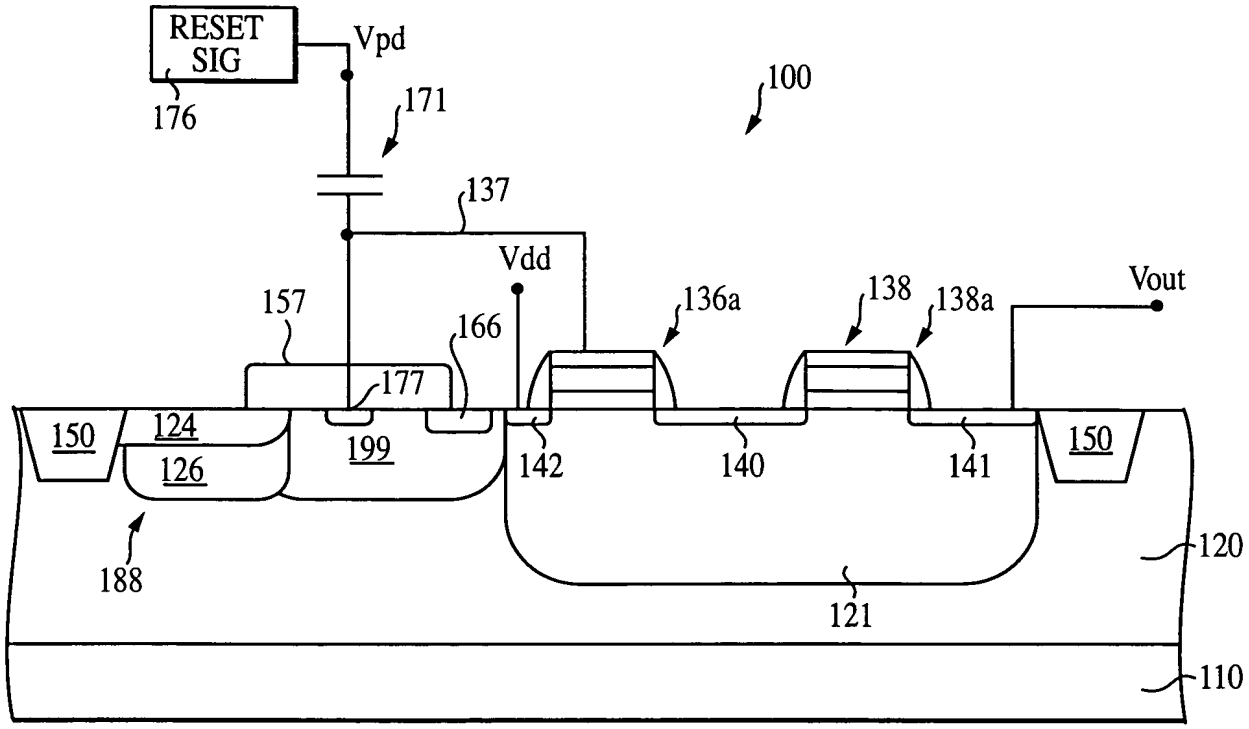
RESET
SIG
176
Vpd
171
100
137
Vdd
157
166
136a
138
138a
Vout
177
150
124
126
199
142
140
141
150
188
120
121
110

FIG. 7

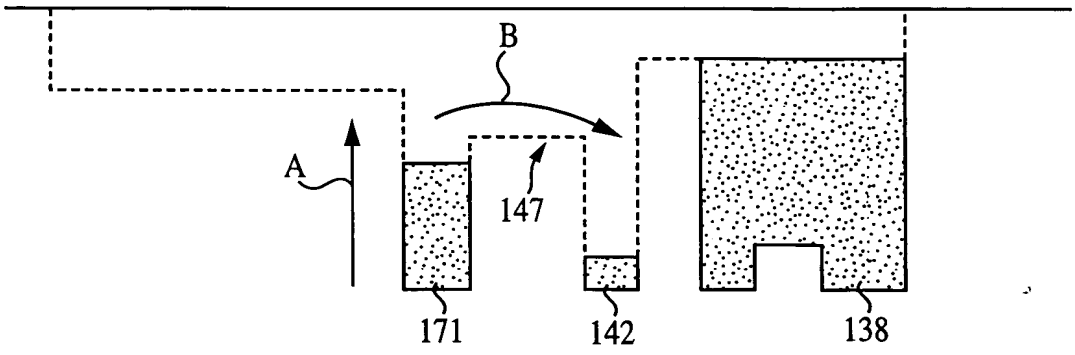
B
A
147
171
142
138

FIG. 8

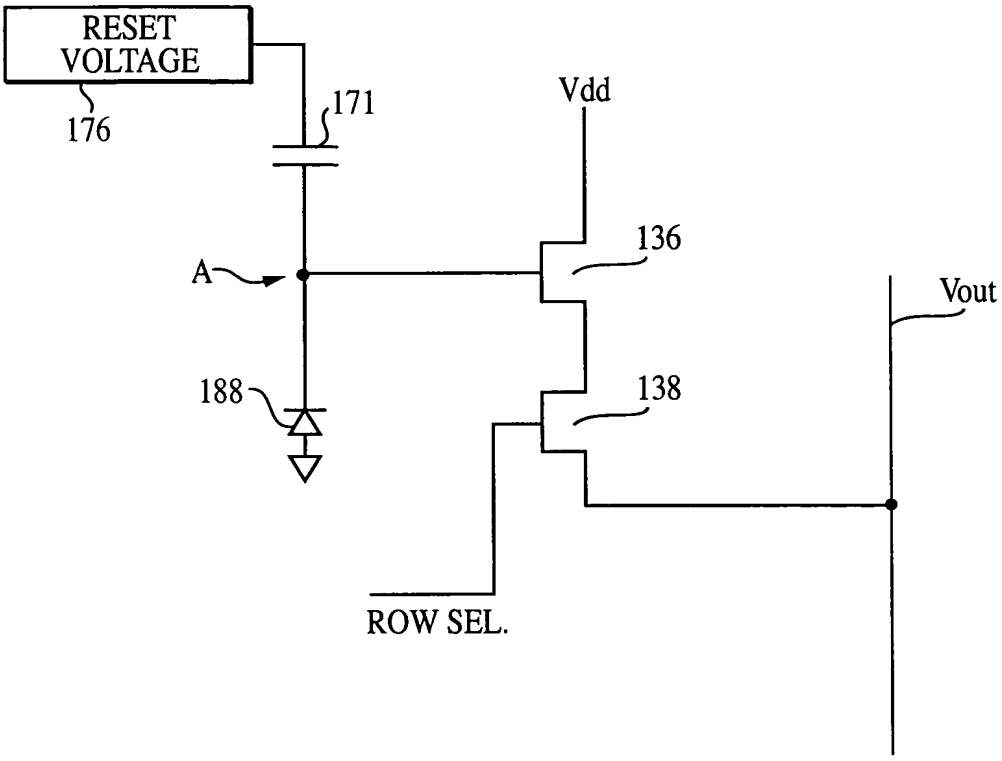

FIG. 9

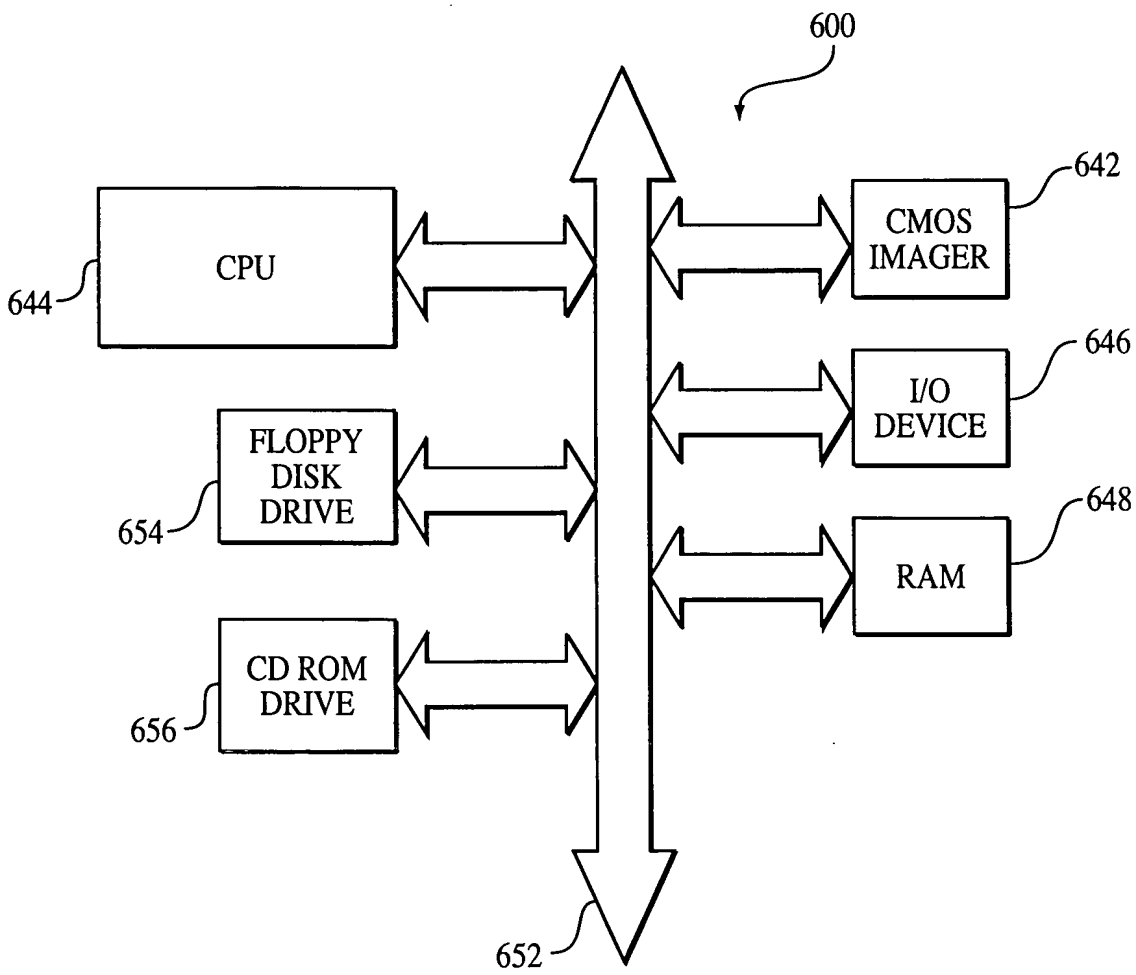
600
642
CMOS IMAGER
644
CPU
646
I/O DEVICE
FLOPPY DISK DRIVE
654
648
RAM
CD ROM DRIVE
656
652

FIG. 10